

PHYSICS and ASTRONOMY
Astrophysics Option BS (123 hours) **Effective 2015-2016**

NAME	PID	Optional 2nd Major or Minor
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FOUNDATIONS

English Comp. and Rhetoric	Foreign Language* HSFL(s)	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1.	3.	(1 hr.)
	2.	4.	

*Recommended: ENGL 1051 (Writing in the Natural Sciences) ** Through Level 3

APPROACHES

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences *	Humanities/Fine Arts
PHYS 118 (#)	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
PHYS 119 (#)	Soc. Sci./Hist. Analysis (SS/HS):	Literary Arts (LA):
	Soc. Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

* From at least two departments

CONNECTIONS

Communication Int. (CI)	Quant. Int. (QI) or 2 nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
PHYS 281L	MATH 232		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

MAJOR/MINOR/ELECTIVES

Other Requirements	PHYSICS ♦ Core Requirements (14 courses)				
ASTR 102(#) †	PHYS 281L(#)	PHYS 412			
ASTR 301(#)	PHYS 311(#)	PHYS 441			
MATH 231(#)	PHYS 321	PHYS 521			
MATH 232(#)	PHYS 331 (4) (#) (with project on an astrophysics topic)	ASTR 519			
MATH 233(#)	PHYS 351	PHYS 395 or 692H (##)			
MATH 383(#)					
CHEM 101 CHEM 101L(#)†	PHYS 358	♦♦			
PHYS 118(#)	PHYS 401	♦♦♦			
PHYS 119(#)					

† Prerequisite for ASTR 102 is ASTR 101. CHEM 102 and 102L are recommended but not required.

(#) These courses should be taken prior to the Junior year. Consult the suggested course of study.

(##) Optional for UNC-BEST students

♦ 18 hours of C or higher grades (not C-) required in PHYS core requirements. Advantageous to defer some of the General Education requirements to the junior and/or senior year(s).

♦♦ One additional course chosen from ASTR (numbered above 300)

♦♦♦ One additional course chosen from ASTR (numbered above 300); ENGL 303; MATH 528, 529; PHYS 231

Remaining courses after this term: ___ Foundations ___ Approaches ___ Connections ___ Supplemental ___ (hrs C___) ___ (hrs C___) ___ (hrs C___) ___ Requirements subtotal ___ Total	Hours to be deducted: Repeated courses HSFL Online courses > 24 Other Professional School > 30 Hours in subject (BA) > 4 5 Total	Hours Tally: Hours to date: Hours in progress Pending Study Abroad* Subtotal Hours deducted Hours after this term Hours remaining to grad Semesters left *Pending study abroad hours may differ from hours earned.	Notes:
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This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps